Journal of Immuological Methods, 116 (1989) 300–301
Elsevier

Contents to volume 116

Number 1 – 6 January 1989

Review article

Assays for tumour necrosis factor and related cytokines (JIM 05034)
A. Meager, H. Leung and J. Woolley (U.K.) 1

Research reports

The immunocytochemical preservation of IgE and mast cells of the rat (JIM 05001)
K.C. Hickling and B. Greenwood (U.K.) 19

Gamma irradiation as a substitute for H_2O_2 in peroxidase-labelled enzyme immunoassays (JIM 04995)
G. Schuler, K. Kuphal, A.-N. Khalaf, K.-G. Petersen and L. Kerp (F.R.G.) 27

Hydrophobic labelling of membrane-embedded proteins with lipophilic reagents. Incorporation of [^{125}I]INA and [^{125}I]TID into B lymphocyte membrane immunoglobulins (JIM 04996)
L. Vogel, A. Hildebrand, T. Tschammer and D. Haustein (F.R.G.) 31

Detection, isolation and characterization of staphylococcal enterotoxin B in protein A preparations purified by immunoglobulin G affinity chromatography (JIM 04997)
J. Balint, Jr., C. Totorica, J. Stewart and S. Cochran (U.S.A.) 37

The influence of immune complexes, steric effects, and antigen-antigen interactions on the sensitivity of enzyme-linked immunosorbent assays (JIM 04998)
D.W. Brown, Y.T. Kim and G.W. Siskind (U.S.A.) 45

Detection of antibodies to extractable nuclear antigens using calf thymus and rabbit thymus. A comparative study of 1000 consecutive anti-nuclear antibody positive patients (JIM 04999)
R.J. Collins, J.C. Neil, L.N. Druery and R.J. Wilson (Australia) 53

Fluorescent EIA screening of monoclonal antibodies to cell surface antigens (JIM 05000)
N. Tumosa and L. Kahan (U.S.A.) 59

Optimisation of hybridoma cell growth and monoclonal antibody secretion in a chemically defined, serum- and protein-free culture medium (JIM 05003)
Y.-J. Schneider (Belgium) 65

A dot-blot method for screening polyclonal and monoclonal antisera to poly(ADP-ribose) (JIM 05004)
S. Prasad, P. Thraves, Y. Kanai, M. Smulson and A. Dritschilo (U.S.A., Japan) 79

Direct adsorption of ssDNA to polystyrene for characterization of the DNA/anti-DNA interaction, and immunoassay for anti-DNA autoantibody in New Zealand White mice (JIM 05005)
M.J. Lacy and E.W. Voss, Jr. (U.S.A.) 87

Production of monoclonal antibody to human IgG allotype G3M T (JIM 05007)
A. Kimura, Y. Tamaki, T. Kishida, M. Fukuda and T. Tsuji (Japan) 99

Specific detection of antibodies in cancer patients following immunotherapy with anti-idiotype (JIM 05008)
M. Wettendorff, D. Iliopoulos, E. Schmoll, H. Koprowski and D. Herlyn (U.S.A., F.R.G.) 105

Electric field-induced cell fusion and human monoclonal antibodies (JIM 05009)
S.K.H. Foung and S. Perkins (U.S.A) 117

Immunoreactivity of ^{111}In and ^{131}I fibrin-specific monoclonal antibody used for thrombus imaging (JIM 05010)
S.F. Rosebrough, J.G. McAfee, Z.D. Grossman and L.A. Schemancik (U.S.A.) 123

Quantitative dot-blot enzyme immunoassay for serum amyloid A protein (JIM 05014)
F. Ogata (Japan) 131

A sandwich CD7-ELISA for detection of solubilized CD7 from normal and leukemic T cells (JIM 05015)
L.K.L. Jung and S.M. Fu (U.S.A.) 137

Letters to the editors

Preparation of highly sensitive mouse hybrid cells for interferon assays (JIM 05061)
P. Kontsek, V. Lackovič and L. Borecký (Czechoslovakia) 145

Lipopolysaccharide (LPS)-free conditions allow growth and purification of postnatal brain macrophages (microglia) (JIM 05071)
H. Northoff, J. Bauer, A. Schobert, W.A. Flegel and P.J. Gebicke-Haerter (F.R.G.) 147

0022-1759/89/$03.50 © 1989 Elsevier Science Publishers B.V. (Biomedical Division)

301

Book review 149

Notes to authors 150

Number 2 – 17 January 1989

Review article

Specific assays for cytokine production by T cells (JIM 05044)
T.R. Mosmann and T.A.T. Fong (U.S.A.) 151

Research reports

A method for removing interleukin-1- and tumor necrosis factor-inducing substances from bacterial cultures by ultrafiltration with polysulfone (JIM 04979)
R. Schindler and C.A. Dinarello (U.S.A.) 159

Rapid and sensitive method to detect expression of growth factor receptors (JIM 05016)
E.M. Rakowicz-Szulczynska, A. Linnenbach and H. Koprowski (U.S.A.) 167

Binding of monomeric and aggregated immunoglobulin to enzymes. A source of artefact in antibody assays (JIM 05019)
B.P. O'Hara, J. Pyle, D. McCarthy and J.R. Archer (U.K.) 175

Measurement of antigen-specific mouse IgE by a fluorometric reverse (IgE-capture) ELISA (JIM 05020)
M. Sakaguchi, S. Inouye, H. Miyazawa and S.-i. Tamura (Japan) 181

Specific and sensitive detection of purified HLA molecules in an ELISA using mouse, rabbit and human anti-HLA antibodies (JIM 05021)
M. Bouillot, J. Choppin and J.-P. Levy (France) 189

Inhibition of endogenous peroxidase for the immunocytochemical demonstration of intermediate filament proteins (IFP) (JIM 05022)
A. Hittmair and K.W. Schmid (Austria) 199

A single step centrifugation method for the enrichment of veiled cells from canine afferent lymph (JIM 05023)
H. Galkowska, M. Dabrowski and W.L. Olszewski (Poland) 207

Development of a microsphere-based fluorescent immunoassay and its comparison to an enzyme immunoassay for the detection of antibodies to three antigen preparations from *Candida albicans* (JIM 05024)
T.M. McHugh, Y.J. Wang, H.O. Chong, L.L. Blackwood and D.P. Stites (U.S.A.) 213

Detection of activated lymphocyte subsets by fluorescence and MTT staining (JIM 05025)
U. Schauer, I. Krolikowski and C.H.L. Rieger (F.R.G.) 221

Application of a human monoclonal antibody in a rapid competitive anti-HIV ELISA (JIM 05026)
S.-H. Döpel, T. Porstmann, R. Grunow, A. Jungbauer and R. Von Baehr (G.D.R., Austria) 229

Flow cytometric assay for the measurement of serum opsonins to *Neisseria meningitidis* serogroup B, serotype 15 (JIM 05027)
H. Sjursen, R. Bjerknes, A. Halstensen, A. Næss, S. Sørnes and C.O. Solberg (Norway) 235

Increased proportion of B cell hybridomas secreting monoclonal antibodies of desired specificity in cultures containing macrophage-derived hybridoma growth factor (IL-6) (JIM 05030)
R. Bazin and R. Lemieux (Canada) 245

Increased coating efficiency of antigens and preservation of original antigenic structure after coating in ELISA (JIM 05035)
T. Jitsukawa, S. Nakajima, I. Sugawara and H. Watanabe (Japan) 251

Development and application of radioimmunoassays for interleukin-1α and interleukin-1β (JIM 05036)
S. Poole, A.F. Bristow, S. Selkirk and B. Rafferty (U.K.) 259

Terasaki-ELISA for murine IgE-antibodies. I. Quality of the detecting antibody: Production and specificity testing of antisera specific for IgE (JIM 05039)
H.F.J. Savelkoul, P.W.C. Soeting, J. Radl and A.A. Van Der Linde-Preesman (The Netherlands) 265

Terasaki-ELISA for murine IgE antibodies. II. Quantitation of absolute concentration of antigen-specific and total IgE (JIM 05040)
H.F.J. Savelkoul, P.W.C. Soeting, J.E. De Josselin De Jong and S.S. Pathak (The Netherlands) 277

A combined method for detection of cell surface marker expression and bromodeoxyuridine (BrdU) uptake by epidermal cells in suspension (JIM 05041)
M.-J. Staquet, A. De Fraissinette, C. Dezutter-Dambuyant, D. Schmitt and J. Thivolet (France) 287

Improved cell depletion in a panning technique using covalent binding of immunoglobulins to surface modified polystyrene dishes (JIM 05042)
P.H. Larsson, J. Hed, S.G.O. Johansson, U. Persson and M. Wahlström (Sweden) 293

Publisher's note 299

Contents to volume 116 (1989) 300

Notes to authors 302